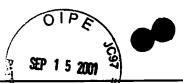
Form P	TO-14	49					-		Docket Number (03768/09379 (145	Optional		Applic	ation Nu	ımber			
SUP	PLEM	ENT					N DIS	CLOSURE	Applicant	190)		09/855 Filing					
		141			TIOI			•	Welch et al. Examiner			05/14/	2001				
	(Us		l AN ≀ ∕eral				in Cessa	iry)	unknown			Group 1772	Art Unit				
									TENT DOCUMEN	NTS		•					
EXAMINE INITIAL		DC	CUME	ENT!	NUME	BER		DATE	NAME		CI	ASS	SUBCL	ASS	FIL	ING DAT	E
1877	6	0	1	3	2	2	3	01/11/00	Schwarz		-26	4	555	.	IF AF	PROPRI	AIE
, ,	4	 	\square		├—	_	-										
FB 0 4 201	, (බ		\vdash		\vdash	_	$\vdash \vdash$										
1	E3 /		H								 		-				
ADEMARK	3								- · · · · · · · · · · · · · · · · · · ·		_						
ROFMARK	4_																
<u> </u>	+-		\vdash				_										
<u> </u>	+-	Н	+	\dashv		-				_				\dashv			
	1		\neg	一			\dashv										
										-R	F	F	ME	7			
ļ			_								_						
	1-1	\vdash		-	\dashv	-	\dashv	——— <u> </u>			FB	97	2002				
	+		\dashv	\dashv	\dashv	\dashv	-				~	-4-	" 11	_			
		7	十	7	_	_	+				\smile		UU	-+			
	\prod			1										+		- '	\neg
								FOREIGN I	PATENT DOCUM	ENTS							\neg
	DOG	CUME	NT NU	MBEI	R	D	ATE		NAME	CLASS	s	SUBC	LASS	YE		lation	
Inta	EP (285	736	A2		12.	10.88	Paolo		—	=			12	* 	NO	
<u> </u>															\neg		
					-			 		 	_						
				·	+			+		╂	7	Er	7				
					\exists						M	<u> </u>	(1	+		\dashv
												0	3 20	4)		$\overline{}$
				_	_								5 2002				\dashv
					\dashv		•	-		<u> </u>	4		200				
					\dashv			 		 	\dashv		<u> </u>		_		_
								OTHER D	OCUMENTS (Inc	cluding Auth	or. Ti	tle. Date	Pertinon	t Pana	s Etc.		\dashv
	$\downarrow \downarrow \downarrow$	Inter	natio	onal	Sea	arch	Repo	ort dated 13			, • •		, . orunen	aye	.s, E(C.)		\dashv
	++					-											\neg
	╅╅					_											
	 										•						\dashv
																	\dashv
EXAMINER	Dr	1/1	Det.			1.			DATE CONSIDER	ED /					•		\dashv
) 10	1 63	qu	10	W	<u> </u>			11/6	107							
examiner not in confo	∕Initial rmanc	if cit	tion not c	cons onsi	idere dere	ed, w d. In	hethe clude	r or not citatio	in is in conformance y	vith MPEP	§ 609	. Draw	line thro	ough c	itation	if	\dashv





INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

		unknown	1772		
	U.S. P/	ATENT DOCUMENTS			
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Des. 284036	06/03/86	Birring	.D2	#	
Des. 331627	12/08/92	lgaue et al.		126	
Des. 335707	05/18/93	Igaue et al.	1/24	126	
Des. 340283	10/12/93	Igaue et al.	124	126	
Des. 414262	09/21/99	Ashton et al.	1024	126	
2206761	07/02/40	Bergstein	-13	6	
2266761	12/23/41	Jackson, Jr. et al.	- 154/	16/	
2357392	09/05/44	Francis, Jr.	18 /	47.5	
2464301	03/15/49	Francis, Jr.	154	46	N
2483405	10/04/49	Francis, Jr.	154/1		E
2957512	10/25/60	Wade et al.	154	33,05 =	m
2957852	10/25/60	Frankenburg et al.	249	N E	Ä
3186893	06/01/65	Mercer	164	400	8
3231167	01/25/66	Heuvelmans	279	199	
3245624	04/12/66	Meyers et al	2/12		
3371668	03/05/68	Johnson		290	
3391048	07/02/68	Dyer et al	61	50	<u> </u>
3439085	04/15/69	Hartmann	<u>194</u>	266	
3449187	06/10/69	Bobkowicz	156		
3468748	09/23/69	Bassett	61		
3575782	04/20/71	Hansen	164	1	
3616129	10/26/71	Sager			
3629047	12/21/71	Davison		67	
3669823	06/13/72	Wood	16	141	
3673026	06/27/72	Brown	156	264	
	Des. 284036 Des. 331627 Des. 335707 Des. 340283 Des. 414262 2206761 2266761 2357392 2464301 2483405 2957512 2957852 3186893 3231167 3245624 3371668 3391048 3439085 3449187 3468748 3575782 3616129 3629047	DOCUMENT NUMBER DATE Des. 284036 06/03/86 Des. 331627 12/08/92 Des. 335707 05/18/93 Des. 340283 10/12/93 Des. 414262 09/21/99 2206761 07/02/40 2266761 12/23/41 2357392 09/05/44 2464301 03/15/49 2483405 10/04/49 2957512 10/25/60 3186893 06/01/65 3231167 01/25/66 3245624 04/12/66 3371668 03/05/68 3391048 07/02/68 3439085 04/15/69 3449187 06/10/69 3468748 09/23/69 3575782 04/20/71 3616129 10/26/71 3669823 06/13/72	Des. 284036 06/03/86 Birring Des. 331627 12/08/92 Igaue et al. Des. 335707 05/18/93 Igaue et al. Des. 340283 10/12/93 Igaue et al. Des. 414262 09/21/99 Ashton et al. 2206761 07/02/40 Bergstein 2266761 12/23/41 Jackson, Jr. et al. 2357392 09/05/44 Francis, Jr. 2464301 03/15/49 Francis, Jr. 2957512 10/04/49 Francis, Jr. 2957852 10/25/60 Wade et al. 3186893 06/01/65 Mercer 3231167 01/25/66 Heuvelmans 3245624 04/12/66 Meyers et al 3371668 03/05/68 Johnson 3391048 07/02/68 Dyer et al. 3439085 04/15/69 Hartmann 3468748 09/23/69 Bassett 3575782 04/20/71 Hansen 3616129 10/26/71 Sager 3669823 06/13/72	DOCUMENT NUMBER DATE NAME CLASS Des. 284036 06/03/86 Birring B1 Des. 331627 12/08/92 Igaue et al. 12/4 Des. 335707 05/18/93 Igaue et al. 12/4 Des. 340283 10/12/93 Igaue et al. 12/4 Des. 414262 09/21/99 Ashton et al. 12/2 2206761 07/02/40 Bergstein 12/2 2266761 12/23/41 Jackson, Jr. et al. 54 2357392 09/05/44 Francis, Jr. 16/4 2464301 03/15/49 Francis, Jr. 16/4 2483405 10/04/49 Francis, Jr. 16/4 2957852 10/25/60 Wade et al. 16/4 2957852 10/25/60 Frankenburg et al. 24/4 3186893 06/01/65 Mercer 19/4 3231167 01/25/60 Heuvelmans 24/4 3371668 03/05/68 Johnson 24/4 349187 06/10/69 Bobkowicz	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS Des. 284036 06/03/86 Birring .91 10 Des. 331627 12/08/92 Igaue et al. .92 .92 Des. 335707 05/18/93 Igaue et al. .92 .92 .92 Des. 340283 10/12/93 Igaue et al. .92 .92 .92 .92 .92 .92 .93





INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

	U.S. PATENT DOCUMENTS								
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
849	3676242	07/11/72	Prentice	1 5 6	62.4				
	3689342	09/05/72	Vogt et al.	156	167				
	3752613	09/14/73	Vogt et al.	425	-80				
	3773590	11/20/73	Morgan	156	244				
	3802817	04/09/74	Matsuki et al.	'425	-66				
	3806289	04/23/74	Schwarz	425	72				
	3836416	09/17/74	Ropiequet	161	2				
	3849241	11/19/74	Butin et al.	461	169				
	3855045	12/17/74	Brock	181	-146				
	3890184	06/17/75	Morgan	156	-244				
	3912567	10/14/75	Swartz	·156	167				
	3949130	04/06/76	Sabee et al.	· 428	192				
	3978185	08/31/76	Buntin et al.	,264	93				
	4013816	03/22/77	Sabee et al.	<u>428</u>	288				
	4041203	08/09/77	Brock et al.	-428	-157				
	4081301	03/28/78	Buell	156	164				
	4090385	05/23/78	Packard	-72	191	_			
	4107364	08/15/78	Sisson	428	196				
	4209563	06/24/80	Sisson	428	288				
	4211807	07/08/80	Yazawa et al	428	-109				
	4223063	09/16/80	Sabee	-428	224				
	4239578	12/16/80	Gore	156	361				
	4259220	03/31/81	Bunnelle et al.	260	27BB				
	4302495	11/24/81	Marra	128	110-				
MAG	4303571	12/01/81	Jansen et al.	260	33.6AQ				





Forms PTO-1449 INFORMA (Use INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

Docket Number Optional 03768/09379 (14590) Applicant Welch et al. Application Number 09/855,169 Filing Date 05/14/2001 Group Art Unit 1772 Examiner unknown

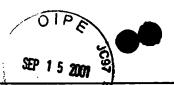
<u> </u>		Ü.S. PA	TENT DOCUMENTS	1772		
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ANYA	4304234	12/08/81	Hartmann	128	287	_
911	4310594	01/12/82	Yamazaki et al.	428	296	_
	4319572	03/16/82	Widlund et al.	-128	284	
	4323534	04/06/82	DesMarias	264	-176R	
	4325372	04/20/82	Teed	_128	287	
·	4333782	06/08/82	Pieniak	156	184 ->	
	4375446	03/01/83	Fujii et al.	264	518 ->	
	4405397	09/20/83	Teed	156-	-164	_
	4413623	11/08/83	Pieniak	604	365	•
	4417935	11/29/83	Spencer	158	80	
	4418123	11/29/83	Bunnelle et al.	428	517	
	4430086	02/07/84	Repke	604	385	
	4440819	04/03/84	Rosser et al.	428	107	
	4450026	05/22/84	Pieniak et al.	156	-164	
	4490427	12/25/84	Grant et al	428	107	
	4496417	01/29/85	Haake et al.	156	361	
	4507163	03/26/85	Menard	<u> 156</u>	_164	
	4525407	06/25/85	Ness	428	-138	
	4543099	09/24/85	Bunnelle et al.	-604	-385A	
	4548859	10/22/85	Kline et al.	428	251	
	4552795	11/12/85	Hansen et al.	.428	-110	
	4552802	11/12/85	Mechin	428 —	255	
	4555811	12/03/85	Shimalla	2-	.51	
	4572752	02/25/86	Jensen et al.	داء6 ا	-64	
ANG	4586199	05/06/86	Birring	2	401	



Form PTO-1449 INFORMATION IN AN APPLICATION (Use several sheets if necessary)

Docket Number Optional 03768/09379 (14590)	Application Number 09/855,169
Applicant	Filing Date
Welch et al.	05/14/2001
Examiner	Group Art Unit
unknown	1772

		U.S. PA	ATENT DOCUMENTS	1772		
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gnyg	4606964	08/19/86	Wideman	428	152 ->	
7	4626305	12/02/86	Suzuki et al.	-156	164	
	4636419	01/13/87	Madsen et al	-428	131 >	
	4640859	02/03/87	Hansen et al	428	105 ->	
	4646362	03/03/87	Heran et al.	2	400	
	4652487	03/24/87	Morman	428	138	
	4656081	04/07/87	Ando et al	. 428	233 >	
	4657793	04/14/87	Fisher	,428	36 -	
	4657802	04/14/87	Morman	-428	-152 ->	
	4663220	05/05/87	Wisneski et al.	428	221 V	RE
	4666542	05/19/87	De Jonckheere	-156	165	
	4675068	06/23/87	Lundmark	456	495	8
	4680213	07/14/87	Fourezon	<u>428</u>	105	
	4683877	08/04/87	Ersfeld et al.	128	90 0	O
	4687477	08/18/87	Suzuki et al	604	-385A_→	
	4692368	09/08/87	Taylor et al.	- 428	137 >	
	4692371	09/08/87	Morman et al.	428	224	
	4718901	01/12/88	Singheimer	604	385A	
	4719261	01/12/88	Bunnelle et al.	-525	97	·
	4720415	01/19/88	Vander Wielen et al.	428	152	<u>-</u>
	4725468	02/16/88	McIntyre	428	40	
	4734311	03/29/88	Sokolowski	-4 28	152	·
	4735673	04/05/88	Piron	456	496	
	4756942	07/12/88	Aichele	428	102	
anga	4761198	08/02/88	Salerno	156	334	





INFORMATION DISELOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

U.S. PATENT DOCUMENTS									
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
4762582	08/09/88	De Jonckheere	156	164 -					
4775579	10/04/88	Hagy et al.	-428	284					
4777080	10/11/88	Harris, Jr. et al.	¥ 28	212					
4789699	12/06/88	Kieffer et al.	-524	271 -					
4801345	01/31/89	Dussaud et al.	-156	184 >					
4801482	01/31/89	Goggans et al.	428	68 ->					
4803117	02/07/89	Daponte	428	228 -					
4804577	02/14/89	Hazelton et al	428	224					
4826415	05/02/89	Mende	425	722					
4842666	06/27/89	Werenicz	-156	161—					
4854985	08/08/89	Soderlund et al.	_156	85					
4854989	08/08/89	Singheimer	.156	-161					
4863779	09/05/89	Daponte	428	152					
4874447	10/17/89	Hazelton et al.	156	167					
4880420	11/14/89	Pomparelli	604	385.1	-				
4883482	11/28/89	Gandrez et al.	604	385.2					
4883549	11/28/89	Frost et al.	156	161					
4854989	08/08/89	Singheimer	456	-161					
4891258	01/02/90	Fahrenkrug	428	138					
4892536	01/09/90	De Marais et al.	694	385.2					
4892903	01/09/90	Himes	- 524	488					
4900619	02/13/90	Ostrowski et al.	-428	284-					
4906507	03/06/90	Grynaeus et al.	.428	113					
4908247	03/13/90	Baird et al	<u>428</u>	34:9					
4910064	03/20/90	Sabee	428	113					
	4762582 4775579 4777080 4789699 4801345 4801482 4803117 4804577 4826415 4842666 4854985 4854989 4863779 4874447 4880420 4883482 4883549 4854989 4891258 4892536 4892903 4900619 4906507 4908247	DOCUMENT NUMBER DATE 4762582 08/09/88 4775579 10/04/88 4777080 10/11/88 4789699 12/06/88 4801345 01/31/89 4803117 02/07/89 4804577 02/14/89 4826415 05/02/89 4854985 08/08/89 4854989 08/08/89 4874447 10/17/89 4883482 11/28/89 4883549 11/28/89 4891258 01/02/90 4892536 01/09/90 4892903 01/09/90 4906507 03/06/90 4908247 03/13/90	DOCUMENT NUMBER DATE NAME 4762582 08/09/88 De Jonckheere 4775579 10/04/88 Hagy et al. 4777080 10/11/88 Harris, Jr. et al. 4789699 12/06/88 Kieffer et al. 4801345 01/31/89 Dussaud et al. 4801482 01/31/89 Goggans et al. 4803117 02/07/89 Daponte 4804577 02/14/89 Hazelton et al 4826415 05/02/89 Mende 4854985 08/08/89 Soderlund et al. 4854989 08/08/89 Singheimer 4863779 09/05/89 Daponte 4874447 10/17/89 Hazelton et al. 4880420 11/14/89 Pomparelli 4883482 11/28/89 Frost et al. 4883499 08/08/89 Singheimer 4891258 01/02/90 Fahrenkrug 4892536 01/09/90 De Marais et al. 4892903 01/09/90 Himes 490619 02/13/90 </td <td>DOCUMENT NUMBER DATE NAME CLASS 4762582 08/09/88 De Jonckheere 166 4775579 10/04/88 Hagy et al. 428 4777080 10/11/88 Harris, Jr. et al. 328 4789699 12/06/88 Kieffer et al. 524 4801345 01/31/89 Dussaud et al. 456 4801482 01/31/89 Goggans et al. 428 4803117 02/07/89 Daponte 428 4804577 02/14/89 Hazelton et al 425 4826415 05/02/89 Mende 425 4842666 06/27/89 Werenicz 456 4854985 08/08/89 Soderlund et al. 156 4854989 08/08/89 Singheimer 156 4874447 10/17/89 Hazelton et al. 156 4883482 11/28/89 Gandrez et al. 604 4883499 08/08/89 Singheimer 456 4891258 01/02/90 Fahrenkrug 428<td>DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 4762582 08/09/88 De Jonckheere 166 164 4775579 10/04/88 Hagy et al. 428 284 4777080 10/11/88 Harris, Jr. et al. 428 212 4789699 12/06/88 Kieffer et al. 524 271 4801345 01/31/89 Dussaud et al. 456 184 4801482 01/31/89 Goggans et al. 428 60 4803117 02/07/89 Daponte 428 224 4804577 02/14/89 Hazelton et al 428 224 482666 06/27/89 Werenicz 456 161 4854985 08/08/89 Soderlund et al. 156 85 4854989 08/08/89 Singheimer 456 161 4863779 09/05/89 Daponte 428 152 487447 10/17/89 Hazelton et al. 156 167 4880420 11/14/</td></td>	DOCUMENT NUMBER DATE NAME CLASS 4762582 08/09/88 De Jonckheere 166 4775579 10/04/88 Hagy et al. 428 4777080 10/11/88 Harris, Jr. et al. 328 4789699 12/06/88 Kieffer et al. 524 4801345 01/31/89 Dussaud et al. 456 4801482 01/31/89 Goggans et al. 428 4803117 02/07/89 Daponte 428 4804577 02/14/89 Hazelton et al 425 4826415 05/02/89 Mende 425 4842666 06/27/89 Werenicz 456 4854985 08/08/89 Soderlund et al. 156 4854989 08/08/89 Singheimer 156 4874447 10/17/89 Hazelton et al. 156 4883482 11/28/89 Gandrez et al. 604 4883499 08/08/89 Singheimer 456 4891258 01/02/90 Fahrenkrug 428 <td>DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 4762582 08/09/88 De Jonckheere 166 164 4775579 10/04/88 Hagy et al. 428 284 4777080 10/11/88 Harris, Jr. et al. 428 212 4789699 12/06/88 Kieffer et al. 524 271 4801345 01/31/89 Dussaud et al. 456 184 4801482 01/31/89 Goggans et al. 428 60 4803117 02/07/89 Daponte 428 224 4804577 02/14/89 Hazelton et al 428 224 482666 06/27/89 Werenicz 456 161 4854985 08/08/89 Soderlund et al. 156 85 4854989 08/08/89 Singheimer 456 161 4863779 09/05/89 Daponte 428 152 487447 10/17/89 Hazelton et al. 156 167 4880420 11/14/</td>	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 4762582 08/09/88 De Jonckheere 166 164 4775579 10/04/88 Hagy et al. 428 284 4777080 10/11/88 Harris, Jr. et al. 428 212 4789699 12/06/88 Kieffer et al. 524 271 4801345 01/31/89 Dussaud et al. 456 184 4801482 01/31/89 Goggans et al. 428 60 4803117 02/07/89 Daponte 428 224 4804577 02/14/89 Hazelton et al 428 224 482666 06/27/89 Werenicz 456 161 4854985 08/08/89 Soderlund et al. 156 85 4854989 08/08/89 Singheimer 456 161 4863779 09/05/89 Daponte 428 152 487447 10/17/89 Hazelton et al. 156 167 4880420 11/14/				

SEP 1 5 2001

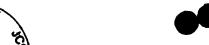




READ MANA Form **P** O-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION
(Use several sheets if necessary)

Docket Number Optional 03768/09379 (14590) Application Number 09/855,169 Filing Date 05/14/2001 Applicant Welch et al. Group Art Unit Examiner unknown 1772

U.S. PATENT DOCUMENTS									
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
Appla	4917696	04/17/90	De Jonckheere	604	385	-			
	4917746	04/17/90	Kons et al.	-156	164				
	4929492	05/29/90	Carey, Jr. et al	-428	198				
	4938821	07/03/90	Soderlund et al.	-156	85				
	4968313	11/06/90	Sabee	604	385.2	- 10-			
	4970259	11/13/90	Mitchell et al.	.524	505	·			
	4977011	12/11/90	Smith	-428	152				
	4984584	01/15/91	Hansen et al	128	898				
	4995928	02/26/91	Sabee	150	164				
	4998929	03/12/91	Bjorksund et al.	604	385.2				
	5000806	03/19/91	Merkatoris et al.	_156	-161 ->				
	5002815	03/26/91	Yamanaka et al	428	109				
	5060349	10/29/91	Walton et al.	26	18.6				
	5073436	12/17/91	Antonacci et al	428	219				
	5093422	03/0392	Himes et al	525	98				
	5100435	03/31/92	Onwumere	.8	115.55				
	5114087	05/19/92	Fisher et al.	242	-42				
	5143968	09/01/92	Diehl et al.	424	534				
	5147487	09/15/92	Nomura et al.	156	-164	•			
	5169706	12/08/92	Collier IV, et al.	<u>428</u>	152				
	5169712	12/08/92	Тарр	428	315.5				
	5186779	02/16/93	Tubbs	.1 56	161				
	5198281	03/30/93	Muzzy et al	428	102				
	5200246	04/06/93	Sabee	428	109				
ANHA	5209801	05/11/93	Smith	156	161				





INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

Form II	TO-1449 NFORMATION DISCLOSURE	CITATION	Docket Number Optional 03768/09379 (14590) Applicant	Appli 09/85 Filing			
(11 ⁴)	IN AN APPLICATION (Use several sheets if nece		Welch et al. Examiner	05/14 Grou			
		U.S. PA	unknown ATENT DOCUMENTS	1772	2		
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
ANTA	5219633	06/15/93	Sabee	428	109		
	5226992	07/13/93	Morman	156-	62.4		
	5229191	07/20/93	Austin	428	198		
	5230701	07/27/93	Meyer et al	602	76	-	
	5232777	08/03/93	Sipinen et al	428	364		
	5236430	08/17/93	Bridges	-604	396 -		
	5236770	08/17/93	Assent et al	428	198		
	5238733	08/24/93	Joseph et al	428	284		
	5246433	09/21/93	Hasse et al.	604	396		
	5259902	11/09/93	Muckenfuhs	,156	164		
	5260126	11/09/93	Collier, IV et al.	428	288	•	
	5266394	11/30/93	Diehl et al	428	261		
	5288791	02/22/94	Collier, IV et al.	524	505	•	
	5296080	03/22/94	Merkatoris et al.	456	496		
	5304599	04/19/94	Himes	525	98 →		
	5308345	05/03/94	Herrin	604	385.2 >		
	5312500	05/17/94	Kurihara et al	- 156	62.4		
l	5324580	06/28/94	Allan et al.	428	152		
	5332613	07/26/94	Taylor et al.	428	152 >		
	5334437	08/02/94	Zafiroglu	428	219		
	5334446	08/02/94	Quantrille et al	428	284 >		
	5336545	08/09/94	Morman	428	152		
	5342469	08/30/94	Bodford et al	.156	244.22		
	5360854	11/01/94	Bozich, Jr.	524	274		
AAG	5366793	11/22/94	Fitts, Jr. et al	428	198		
							

SEP 1 5 2001





Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

	·	110 04	unknown ATENT DOCUMENTS	1772		
EXAMINE		I				FILING DATE
R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
Jefg	5376198	12/27/94	Fahrenkrug et al	(156	164	
	5385775	01/31/95	Wright	428	284	
	5389173	02/14/95	Merkatoris et al	156	164	
	5393599	02/28/95	Quantrille et al	428	284	
	5405682	04/11/95	Shawyer et al	428	221 >	
	5407507	04/18/95	Ball	-156-	163	
	5411618	05/02/95	Jocewicz, Jr.	150	164	
	5413654	05/09/95	lgaue et al	156	181	
	5413849	05/09/95	Austin et al	428	293	
	5415649	05/16/95	Watanabe et al	-604	385.2	
	5415925	05/16/95	Austin et al	428	287	
	5425987	06/20/95	Shawver et al.	428	284	
	5429694	07/04/95	Hermann	156	1647	
	5431644	07/11/95	Sipinen et al	<u>\$04</u>	385,27	
	5431991	07/11/95	Quantrille et al	428	109	
	5447462	09/05/95	Smith et al	450	122	
	5447508	09/05/95	Numano et al	804	385.2	
	5449353	09/12/95	Watanabe et al.	-604	385.2	
	5464401	11/07/95	Hasse et al .	604	385.4	
	5470639	11/28/95	Gessner et al	428	-152 -	
	5472775	12/05/95	Obijeski et al	428	220-	
	5476563	12/19/95	Nahata	156	-167-	
	5484645	01/16/96	Lickfield et al	428	198	
	5498468	03/12/96	Blaney	4280	198	
Sports	5500075	03/19/96	Herrmann	156	494	
						

Form PTO-1449

NAME OF THE PROPERTY OF THE PRO

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

Application Number 09/855,169 Filing Date 05/14/2001 Docket Number Optional 03768/09379 (14590) Applicant Welch et al. **Group Art Unit** Examiner unknown 1772

	U.S. PATENT DOCUMENTS									
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
Sola	5514470	05/07/96	Haffner et al.	428	248					
	5523146	06/04/96	Bodford et al	-428 -	198	-				
	5531850	07/02/96	Herrmann	156	161					
	5534330	07/09/96	Groshens	428	198					
	5540976	07/30/96	Shawver et al	428	198					
	5545158	10/13/96	Jessup	604	385.2					
	5545285	08/13/96	Johnson	156	496 -					
	5549964	08/27/96	Shohji et al	428	224 >					
	5569232	10/29/96	Roe et al	-604	385.2					
	5576090	11/19/96	Suzuki	428	152 ->					
	5575783	11/19/96	Clear et al.	604	385.1~					
	5582668	12/10/96	Kling	156	161					
	5591152	01/07/97	Buell et al	604	385.2					
	5597430	01/28/97	Rasche	156	161 ->					
	5626573	05/06/97	Igaue et al	6 04	385.1	,				
	5628856	05/13/97	Dobrin et al	1 56	244.18					
	5645672	07/08/97	Dobrin	156	244.18	-				
	5652041	07/29/97	Buerger et al	428	198					
	5660664	08/26/97	Herrmann	156	161					
	5669897	09/23/97	Lavon et al	604	385.2					
	5681302	10/28/97	Melbye et al	604	373					
	5683787	11/04/97	Boich et al	428	198					
	5690626	11/25/97	Suzuki et al	604	385.2					
	5693038	12/02/97	Suzuki et al	604	385.2					
Jaka	5695849	12/09/97	Shawver et al	428	131					







INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

Docket Number Optional 03768/09379 (14590) 09/855,169
Applicant Filing Date 05/14/2001
Examiner unknown 1772

ENT DOCUMENTS

	U.S. PATENT DOCUMENTS										
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
Art T	5709921	01/20/98	Shawver	428	152						
77	5733635	03/31/98	Terakawa et al	428	198						
	5733822	03/31/98	Gessner et al	442	35 >						
	5735839	04/07/98	Kawaguchi et al	604	385.2						
	5736219	04/07/98	Suehr et al	428 -	113						
	5746731	05/05/98	Hisada	604	385.2						
	5749865	05/12/98	Yamamoto et al	6 04	385.2	-					
	5749866	05/12/98	Roe et al	604	385.2						
	5766737	06/16/98	Willey et al	428	-198 -						
	5769838	06/23/98	Buell et al.	- 604	396 →						
	5769993	06/23/98	Baldauf	-156	184>						
	5773373	06/30/98	Wynne et al	442	260						
	5773374	06/30/98	Wood et al	442	328						
	5788804	08/04/98	Horsting	1 56	440						
	5789065	08/04/98	Haffner et al	428	152>						
	5789328	08/04/98	Kurihara et al	442	387						
	5804286	09/08/98	Quantrille et al	428	198	-					
	5814176	09/29/98	Proulx	156	167						
	5817087	10/06/98	Takabayashi et al	-604	385.2						
	5830203	11/03/98	Suzuki et al	-604	385.2						
	5836931	11/17/98	Toyoda et al	£ 04	385.2						
	5836932	11/17/98	Buell et al.	<u>6</u> Ω4	396						
	5804286	09/08/98	Quantrille et al	428	198						
	5840633	11/24/98	Kurihara et al	442	361						
MA	5864286	01/26/99	Right et al	340	501						







INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

	· 	U.S. PA	unknown ATENT DOCUMENTS	1772		
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Spage	5876392	03/02/99	Hisada	.604	385.2	
	5882573	03/16/99	Kwok et al.	264	510	
	5885686	03/23/99	Cederblad et al	A28	107	
	5899895	05/04/99	Robles et al	604	385.2	
	5902540	05/11/99	Kwok	264	555	
	5904298	05/18/99	Kwok et al.	-239	135	-
	5916206	06/29/99	Otsubo et al.	-604	385.2 -	
	5939178	08/17/99	Boich	- 428	198	
	5941865	08/24/99	Otsubo et al.	604	385.2	
	5964973	10/12/99	Heath et al	456 —	161	
	5997521	12/07/99	Robles et al.	604	385.2	
	5997989	12/07/99	Gessner et al	428	-152 >	
	6001460	12/14/99	Morman et al.	-4 28	195	
	6004306	12/21/99	Robles et al.	604	385.1	
	6048808	04/11/00	Kurihara et al	_442	-361	
,	6057024	05/02/00	Mleziva et al	428-	114	
	6074505	06/13/00	Ouellette et al	156	148	
	6074597	06/13/00	Kwok et al.	_264	-555	
	6077375	06/20/00	Kwok	-1,56	161	
	6090234	07/18/00	Barone et al	156	177	
	6093663	07/2500	Ouelette et al	442	5	
	6132411	10/17/00	Huber et al	-604	385.29	
	6197406 B1	03/06/01	Kwok	428	195	
Ange	6200635 B1	03/13/01	Kwok	427	286	





Form PTO-1249 FORMATION DISCLOSURE CITATION IN AN APPLICATION Several sheets if necessary) FOR

Docket Number Optional 03768/09379 (14590)	Application Number 09/855,169	
Applicant Welch et al.	Filing Date 05/14/2001	
Examiner	Group Art Unit	

	Ι	FO	REIGN PATENT DOCUMEN	NTS	· · · - I	Tra	nslation
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	YES	NO
ALGO	CA 2157757 A1 ·	09.02.95	Gessner et al.	G			
	DE 3734963 A1	21.04.88	Kieffer et al.				
	EP 0239080 A2	30.09.87	Daponte			•	
	EP 0456885 B1 •	15.02.95	Weeks et al.				
	EP 0547497 A2 ·	23.06.93	Van Gompel et al.				
	EP 0547497 B2 ·	26.03.97	Van Gompel et al.				
	EP 0548609 A1 ·	30.06.93	Wright				
	EP 0570980 A1	24.11.93	Igauo et al.				
	EP 0582569 B1 .	17.06.98	Sabee				
	EP 0604731 A1 、	06.07.94	McCormack et al.				
	EP 0617939 A2 .	05.10.94	Numano et al.				
	EP 0696655 B1 ·	03.06.88	Sei et al.				
	EP 0713546 B1 ·	26.03.97	Gessner et al.	-			
	EP 0743052 A2 4	20.11.96	Van Gompel et al.				
	EP 0753292 A2 ·	15.01.97	Otsubo et al.				
	EP 0761193 A2 ·	12.03.97	Yamamoto et al.	-			
	EP 0761194A2 ·	12.03.97	Yamamoto et al.			-	
	EP 0763353A2 `	19.03.97	Ono et al.				
	EP 0765146 B1	02.07.00	Melbye et al.			-	
	EP 0787474 A1 >	06.08.97	Hisada et al.			,	
	EP 0806196 A2	12.11.97	Soga et al.		,		
	EP 0814189 A1	29.12.97	Kazuhiko et al.	,			
	EP 0835952 A1 .	15.04.98	Kwok				
<u> </u>	EP 0872580 A1	21.10.98	Kwok et al.				
An /	EP 0984083 A2 '	08.03.00	Kwok				







INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

Docket Number Optional 03768/09379 (14590) Application Number 09/855,169 Filing Date 05/14/2001 Applicant Welch et al. Group Art Unit 1772 Examiner unknown

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Tra YES	nslation NO
ANG	EP 1013251 A1 ,	28.06.00	Uchimoto et al.			ľ	
7/	EP 1016394 A1	05.07.00	Nieisen et al.		>		
	GB 1522767	31.08.78	Monsanto Company				
	GB 2244422 B	16.03.94	Ando et al.				
	GB 2250921 B	21.06.95	Arimura et al.				
	GB 2253131 B	12.10.94	Watanabe et al.				
	GB 2268389 B	10.07.96	Watanabe et al.	,			
	WO 90/03464 ·	05.04.90	Morman				
	WO 92/16371	01.10.92	Sabee				
	WO 93/15247	05.08.93	Quantrille et al.				
	WO 93/15251	05.08.93	Gessner et al.				
	WO 93/17648 -	16.09.93	Widlund et al.			,	
	WO 94/09736 ·	11.05.94	Rollag et al.				
	WO 95/04182 •	09.02.95	Gessner et al.	4	>		
	WO 95/16562	22.06.95	McCormack				
	WO 95/34264	21.12.95	Melbye et al.				
	WO 96/23466	08.08.96	Gustafsson et al.				
	WO 96/35402	14.11.96	Roe				
	WO 98/14156 ·	09.04.98	Robles et al.				
	WO 98/55062	10.12.98	Huber et al.				
	WO 99/07548 ·	18.02.99	Martz				
	WO 99/17926	15.04.99	Thomas et al.				
	WO 99/48680 ·	30.09.99	Rezai et al.				
	WO 99/60969 ·	02.12.99	Ashton et al.				
Anya	WO 99/60970 ·	02.12.99	Ashton et al.			/	

SEP 1 5 2001

Form FTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)

FOREIGN PATENT DOCUMENTS							
						Translation	
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	YES	NO
xnje	WO 99/60971	02.12.99	Ashton et al.				<u> </u>
	WO 00/19952	13.04.00	Rezai et al.	,			
	WO 00/20200 .	13.04.00	Menzies et al.				
	WO 00/20202 ·	13.04.00	Martin	,			
	WO 00/20206 、	13.04.00	Rezai et al.				
	WO 00/20207 '	13.04.00	Rezai et al.				
	WO 00/37003 ·	29.06.00	Fell et al.			•	
ANA	WO 00/37005 ·	29.06.00	Datta et al.			_	

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
EXAMINER	faftagut 11/6/02
STAPE.	Publication: "Superfine Thermoplastic Fibers" by Van A. Wente, Naval Research Laboratory, Washington, D.C.; pgs. 1342 – 1346 in Industrial and Engineering Chemistry
Apple.	Publication: "Manufacture of Superfine Organic Fibers" by V.A. Wente, E.L. Boone, and C.D. Fluharty in Chemistry Division, Naval Research Laboratory, Washington, D.C.; May 25, 1954; pgs. 1-15
	Ant afternut 11/6/102
EXAMINER: Ir not in conform	uitial/if oftation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if name and not considered. Include copy of this form with next communication to the applicant.